

Thank you for your interest in Chattahoochee Riverkeeper's Virtual Floating Classroom! Using the online learning platform, Kahoot!, we offer environmental education lessons that follow our in-person floating classroom curriculum and cover education performance standards.



“ People protect what they love.
People love what they understand.
People understand what they’re taught.”

- Baba Dioum

Instructors are available upon request to remotely lead groups through these virtual lessons. A limited amount of scholarships are available for Title 1 schools and underserved groups. All other groups will be charged a \$50 fee for an instructor-guided virtual lesson. Contact Henry Jacobs at [hjacob@chattahoochee.org](mailto:hjacobs@chattahoochee.org) for scheduling.

Teachers are also free to lead these lessons themselves. The "For Students" option is ideal for individual assignments and for participants with low internet bandwidth who would otherwise have issues with a group video call. The "For Teachers" option allows a group to experience the lesson together in a classroom or on a group video call. It also creates a report on student progress, which can help assess how the class performed, identify difficult questions that need follow up, and reinforce learning in a targeted way.

Lesson 1 *Welcome Aboard!*

In lesson one, you'll be introduced to basic water concepts, including how much fresh water on earth is accessible to humans and why it's important that we protect and conserve our rivers, lakes and streams. Along with questions, the highlight of this lesson is a four-minute video demonstration of the activity, "All The Water In The World".

Time: 10 – 15 minutes

Grade Level: All ages will benefit from this introductory lesson, K-12

Georgia Standards of Excellence: ESS2.C + S3L2 + S6E3

Alabama Learning Exchange: S2.10 + S5.14 + S5.15

Lesson 2 *Water Monitoring*

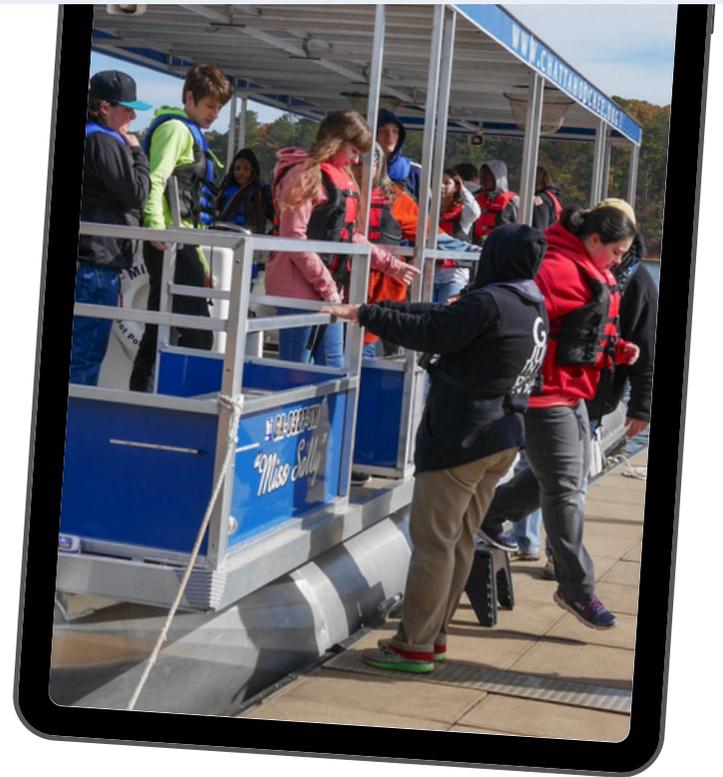
In lesson two, we'll demonstrate two methods used by scientists to monitor the health of our waterways. The first water quality test involves measuring the pH of water and the second test demonstrates how to measure the level of dissolved oxygen in water. There are four instructional videos spread out through this lesson that highlight the steps involved for pH and dissolved oxygen tests.

Time: 15 - 20 minutes

Grade Level: Most ages will benefit from this lesson, including grades 5-12

Georgia Standards of Excellence: S5P1 + SEV4

Alabama Learning Exchange: S5.14 + S6.16



Lesson 3 *Watersheds & The Enviroscape*

In lesson three, we'll talk about watershed concepts and discuss why it's important to protect our waterways from threats like sediment erosion, stormwater runoff and plastic pollution. Instructional videos in this lesson will feature an interactive model of a watershed (EnviroScape Watershed Nonpoint Source Model).

Time: 15 - 20 minutes

Grade Level: Most ages will benefit from this lesson, including grades 2-12

Georgia Standards of Excellence: S2E3 + S3L2 + S5L4 + S6E6 + SEC5 + SEV4

Alabama Learning Exchange: SK.6 + S2.11 + S3.12 + S4.5 + S4.15 + S5.14 + S5.16 + S5.17 + S6.16 + S7.9 + ES.10



Lesson 4 *Get To Know Chattahoochee Riverkeeper*

In lesson four, you'll be introduced to the non-profit environmental advocacy organization, Chattahoochee Riverkeeper, and learn a few things about our work to protect and preserve the Chattahoochee Riverbasin.

Time: 5 – 10 minutes

Grade Level: All ages will benefit from this introductory lesson, K-12